

XX 17-DEC-1998; 98MO-IB002122.
 XX 17-DEC-1997; 97US-0069957P.
 PR 09-FEB-1998; 98US-0074121P.
 PR 13-APR-1998; 98US-0081563P.
 PR 10-AUG-1998; 98US-0096116P.

(GEST) GENSET.

Bougueleret L, Duclert A, Dumas Milne Edwards J,

WPI, 1999-385906/32.

P-PSDB; AAY5896.

New isolated human secreted proteins.

Claim 1; Page 179; 516pp; English.

XX This sequence represents an extended human secreted protein coding
 CC sequence of the invention. The secreted proteins can be used in treating
 CC or controlling a variety of human conditions. The secreted proteins may
 CC act as cytokines or may affect cellular proliferation or differentiation
 CC or may act as immune system regulators, haematopoiesis regulators, tissue
 CC growth regulators, regulators of reproductive hormones or cell movement
 CC or have chemotactic/chemokinetic, receptor/ligand, anti-inflammatory or
 CC tumour inhibition activity. The DNAs can be used in forensic procedures
 CC to identify individuals or in diagnostic procedures to identify
 CC individuals having genetic diseases resulting from abnormal expression of
 CC the genes corresponding to the extended cDNAs. They are also useful for
 CC constructing a high resolution map of the human chromosomes. They can
 CC also be used for gene therapy to control or treat genetic diseases
 CC
 XX Sequence 458 BP; 160 A; 74 C; 102 G; 121 T; 0 U; 1 Other;

Query Match 17.1%; Score 422.4; DB 2; Length 458;

Best Local Similarity 99.5%; Pred. No. 1.5e-60;

Matches 434; Conservative 0; Mismatches 1; Indels 1; Gaps 1;

QY 1 TATAGGCTTGGAACTTGTGAGAGACTACAAAGTTTGTGTTATGTCCTTTAGT 60
 DB 11 TATAGGCTTGGAACTTGTGAGAGACTACAAAGTTTGTGTTATGTCCTTTAGT 70
 QY 61 TGGGCTCATACATTTGGGGTGTGACAGATCAAAAGCAGCCCTGTTCCAAATACCTAA 120
 DB 71 TGGGCTCATACATTTGGGGTGTGACAGATCAAAAGCAGCCCTGTTCCAAATACCTAA 130
 QY 121 AAAGAGAGCACTTCTGTGAGAGATGCTGGGACTTTCATATCTTCAGAGAGCCCAAT 180
 DB 131 AAAGAGAGCACTTCTGTGAGAGATGCTGGGACTTTCATATCTTCAGAGAGCCCAAT 190
 QY 181 CCAGGGGAGG-TAGCAGGCTTGCATCTTCAGTAAAGAGAGAGCTTGAATCTGAGCTT 239
 DB 191 CCAGGGGAGG-TAGCAGGCTTGCATCTTCAGTAAAGAGAGAGCTTGAATCTGAGCTT 250
 QY 240 CATATCGAAGAGAGATGAAAAATACAGTGTGATTTGAAAGAGCTGCTTCTGTAGC 299
 DB 251 CATATCGAAGAGAGATGAAAAATACAGTGTGATTTGAAAGAGCTGCTTCTGTAGC 310
 QY 300 TGGGATATCTTCAAGAGTGCATCTTGGAACTATCTTTTGCAGAGGTCTGCAAGCA 359
 DB 311 TGGGATATCTTCAAGAGTGCATCTTGGAACTATCTTTTGCAGAGGTCTGCAAGCA 370
 QY 360 GTCTGTAAAAATTCAGTCTCAAGCAACAAAAGATTTGAAGAGTGAAGTAAATAA 419
 DB 371 GTCTGTAAAAATTCAGTCTCAAGCAACAAAAGATTTGAAGAGTGAAGTAAATAA 430
 QY 420 TATTTGAATTAATA 435
 DB 431 TATTTGAATTAATA 446

RESULT 12

ADP18847
 ID ADP18847 standard; cDNA; 458 BP.

XX ADP18847;

AC 26-AUG-2004 (first entry)

DT Human secreted polynucleotide #103.

DE Human; secreted protein; gene; ss; genetic disease.

XX Homo sapiens.

OS US2004110939-A1.

PN 10-JUN-2004.

PD 15-OCT-2001; 2001US-00978360.

PF 17-DEC-1998; 98MO-IB002122.

PR 09-FEB-1999; 99MO-IB000282.

PR 21-JUN-2000; 2000MO-IB000951.

PR 15-SEP-2000; 2000US-00663600.

XX (GEST) GENSET SA.

PA Dumas Milne Edwards J, Bougueleret L, Jobert S, Clusel C,

PI Duclert A;

DR WPI; 2004-440404/41.

P-PSDB; ADP19252.

XX New isolated polynucleotide encoding secreted polypeptide, useful for

PT gene therapy, or in diagnostic procedures to identify individuals having

PT genetic diseases resulting from abnormal expression of the genes.

XX Claim 1; SEQ ID NO 103; 113pp; English.

PS The invention relates to human cDNA sequences that encode human secreted

CC proteins. The invention also relates to an antibody that specifically

CC binds to a polypeptide of the invention and a method of binding the

CC polypeptide to an antibody. The polynucleotides are useful for expressing

CC the entire secreted proteins which they encode and for distinguishing

CC human tissues and cells from non-human tissues and cells that do not express

CC the polynucleotides comprising the cDNAs. The polynucleotides and

CC polypeptides are useful in forensic procedures or diagnostic procedures

CC to identify individuals with genetic diseases resulting from abnormal

CC expression of the genes corresponding to the cDNAs. The sequences are

CC also useful in gene therapy to control or treat genetic diseases. This

CC sequence represents a human secreted polynucleotide of the invention.

CC Note: The sequence data for this patent did not form part of the printed

CC specification but was obtained in electronic format from USPTO at

CC seqdata.uspto.gov/sequence.html.

XX Sequence 458 BP; 160 A; 74 C; 102 G; 121 T; 0 U; 1 Other;

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 DB 11 TATAGGCTTGGAACTTGTGAGAGACTACAAAGTTTGTGTTATGTCCTTTAGT 70
 QY 61 TGGGCTCATACATTTGGGGTGTGACAGATCAAAAGCAGCCCTGTTCCAAATACCTAA 120
 DB 71 TGGGCTCATACATTTGGGGTGTGACAGATCAAAAGCAGCCCTGTTCCAAATACCTAA 130
 QY 121 AAAGAGAGCACTTCTGTGAGAGATGCTGGGACTTTCATATCTTCAGAGAGCCCAAT 180
 DB 131 AAAGAGAGCACTTCTGTGAGAGATGCTGGGACTTTCATATCTTCAGAGAGCCCAAT 190